



Form PTO-1449

Attorney's Docket No.
39780-2730P1C15Application Serial No.
09/991,073

INFORMATION DISCLOSURE STATEMENT

Applicant(s)

BOTSTEIN, et al.

(use several sheets if necessary)

Filing Date:
November 14, 2001Group Art Unit:
1647

U.S. PATENT DOCUMENTS

Examiner Initials	Ref. No.	Date	Document No.	Name	Class	Subclass	Filing Date (if appropriate)

FOREIGN PATENT DOCUMENTS

Examiner Initials	Ref. No.	Date	Document No.	Name	Class	Subclass	Translation	
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OTHER DOCUMENTS

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Examiner Initials	Ref. No.	Title
LS	1.	Abe, N., et al., "An Increased High-Mobility Group A2 Expression Level is Associated with malignant Phenotype in Pancreatic Exocrine Tissue," <i>Br J Cancer</i> - 89(11):2104-9 (2003) Abstract.
	2.	Ando, M., et al., "Selective Apoptosis of Natural Killer-Cell Tumours by L-Asparaginase," <i>Br J Haematol.</i> - 130(6):860-8 (2005) Abstract.
	3.	Aust, G., et al., "Human Thyroid Carcinoma Cell Lines and Normal Thyrocytes: Expression and Regulation of Matrix Metalloproteinase Inhibitor-1 Messenger-RNA and Protein," <i>Thyroid</i> - 7(5):713-24 (1997) Abstract.
	4.	Barnes, V.L., et al., "Expression of Embryonic Fibronectin Isoform EIIIA Parallels Alpha-Smooth Muscle Actin in Maturing and Diseased Kidney," <i>J Histochem Cytochem.</i> - 47(6):787-98 (1999) Abstract.
	5.	Bea, S., et al., "BMI-1 Gene Amplification and Overexpression in Hematological Malignancies Occur Mainly in Mantle Cell Lymphomas," <i>Cancer Res.</i> - 61(6):2409-12 (2001) Abstract.
	6.	Blaschke, V., et al., "Rapid Quantitation of Proinflammatory and Chemoattractant Cytokine Expression in Small Tissue Samples and Monocyte-Derived Dendritic Cells: Validation of a New Real-Time RT-PCR Technology," <i>J Immunol Methods.</i> - 246(1-2):79-90 (2000) Abstract.
	7.	Buckley, A.R., et al., "Butyrate-Induced Reversal of Dexamethasone Resistance in Autonomouse Rat Nb2 Lymphoma Cells," <i>Apoptosis.</i> - 2(6):518-28 (1997) Abstract.
	8.	Caberlotto, L. et al., "Alterations in Neuropeptide Y Levels and Y1 Binding Sites in the Flinders Sensitive Line Rats, A Genetic Animal Model of Depression," <i>Neurosci Lett.</i> - 265(3):191-4 (1999) Abstract.
	9.	Caberlotto, L., et al., "Neurokinin 1 Receptor and Relative Abundance of the Short and Long Isoforms in the Human Brain," <i>Eur J Neurosci.</i> - 17(9):1736-46 (2003) Abstract.
	10.	Choi, D., et al., "Characterization of Cyclin D2 Expression in Human Endometrium," <i>J Soc Gynecol Investig.</i> - 9(1):41-6 (2002) Abstract.
	11.	Couvelard, A., et al., "Human Chorionic Gonadotrophin Beta Expression in Malignant Barrett's Oesophagus," <i>Virchows Arch.</i> - 445(3):279-84 (2004) Abstract.
	12.	Dagenais, A., et al., "Downregulation of EnaC Activity and Expression by TNF-Alpha in Alveolar Epithelial Cells," <i>Am J Physiol Lung Cell Mol Physiol.</i> - 286(2):L301-11 (2004) Abstract.
	13.	De Boer, C.J., et al., "Involvement of the CCND1 Gene in Hairy Cell Leukemia," <i>Ann Oncol.</i> - 7(3):251-6 (1996) Abstract.
	14.	Debieve, F., et al., "Inhibin and Activin Production and Subunit Expression in Human Placental Cells Cultured in Vitro," <i>Mol Hum Reprod.</i> - 6(8):743-9 (2000) Abstract.
✓	15.	Dong, Z., et al., "Expression of Membrane-Type Matrix Metalloproteinases 4, 5, and 6 in Mouse Corneas Infected with P. Aeruginosa," <i>Invest Ophthalmol Vis Sci</i> - 42(13):3223- (2001) Abstract.

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OTHER DOCUMENTS (including author, title, date, pertinent pages, etc.)			
LS	16.	Duchrow, M., et al., "Assessment of Proliferative Activity in Colorectal Carcinomas by Quantitative Reverse Transcriptase-Polymerase Chain Reaction (RT-PCR)," <i>Cancer Invest.</i> - 19(6):588-96 (2001) Abstract.	
	17.	Dyer, J., et al., "Molecular Characterisation of Carbohydrate Digestion and Absorption in Equine Small Intestine," <i>Equine Vet J.</i> - 34(4):349-58 (2002) Abstract.	
	18.	Egwuagu, C.E., et al., "Suppressors of Cytokine Signaling Proteins are Differentially Expressed in Th1 and Th2 Cells: Implications for Th Cell Lineage Commitment and Maintenance," <i>J Immunol.</i> - 168(7):3181-7 (2002) Abstract.	
	19.	El-Ghrably, I.A., et al., "Intravitreal Invading Cells Contribute to Vitreal Cytokine Milieu in Proliferative Vitreoretinopathy," <i>Br J Ophthalmol.</i> - 85(4):461-70 (2001) Abstract.	
	20.	Eleore, L., et al., "Modulation of the Glutamatergic Receptors (AMPA and NMDA) and of Glutamate Vesicular Transporter 2 in the Rat Facial Nucleus after Axotomy," <i>Neuroscience</i> - 136(1):147-60 (2005) Abstract.	
	21.	Forsberg, H., et al., "Altered Levels of Scavenging Enzymes in Embryos Subjected to a Diabetic Environment," <i>Free Radic Res.</i> - 24(6):451-9 (1996) Abstract.	
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	23.	Fu, K., et al., "Cyclin D1-Negative Mantle Cell Lymphoma: A Clinicopathologic Study Based on Gene Expression Profiling," <i>Blood</i> - 106(13):4315-21 (2005) Abstract.	
	24.	Fuchs, A.R., et al., "Oxytocin Receptors in Bovine Cervix: Distribution and Gene Expression During the Estrous Cycle," <i>Biol Reprod.</i> - 54(3):700-8 (1996) Abstract.	
	25.	Furuta, J., et al., "Silencing of the Thrombomodulin Gene in Human Malignant Melanoma," <i>Melanoma Res.</i> - 15(1):15-20 (2005) Abstract.	
	26.	Futcher, B., et al., "A Sampling of the Yeast Proteome," <i>Mol Cell Biol.</i> - 19(11):7357-68 (1999) Abstract.	
	27.	George, J., et al., "Pre-translational Regulation of Cytochrome P450 Genes is Responsible for Disease-Specific Changes of Individual P450 Enzymes Among Patients with Cirrhosis," <i>Biochem Pharmacol.</i> - 49(7):873-81 (1995) Abstract.	
	28.	Giroux, M., et al., "Cyclooxygenase-2 Expression in Macrophages: Modulation by Protein Kinase C-alpha," <i>J Immunol.</i> - 165(7):3985-91 (2000) Abstract.	
	29.	Gnatenko, D.V., et al., "Transcript Profiling of Human Platelets Using Microarray and Serial Analysis of Gene Expression," <i>Blood</i> - 101(6):2285-93 (2003) Abstract.	
	30.	Godbout, R., et al., "Overexpression of DEAD Box Protein (DDX1) in Neuroblastoma and Retinoblastoma Cell Lines," <i>J Biol Chem.</i> - 273(33):21161-8 (1998) Abstract.	
	31.	Goldenberg, R.C., et al., "Modulation of Gap Junction Mediated Intercellular Communication in TM3 Leydig Cells," <i>J Endocrinol.</i> - 177(2):327-35 (2003) Abstract.	
	32.	Golebiowski, F., et al., "Expression Level of Ubc9 Protein in Rat Tissues," <i>Acta Biochim Pol.</i> - 50(4):1065-73 (2003) Abstract.	
	33.	Grem, J.L., et al., "Thymidine Kinase, Thymidylate Synthase, and Dihydropyrimidine Dehydrogenase Profiles of Cell Lines of the National Cancer Institute's Anticancer Drug Screen," <i>Clin Cancer Res.</i> - 7(4):999-1009 (2001) Abstract.	
	34.	Grenback, E., et al., "Galanin Pituitary Adenomas," <i>Regul Pept.</i> - 117(2):127-39 (2004) Abstract.	
	35.	Gromova, I., et al., "Protein Abundance and mRNA Levels of the Adipocyte-Type Fatty Acid Binding Protein Correlate in Non-Invasive and Invasive Bladder Transitional Cell Carcinomas," <i>Int J. Oncol.</i> - 13(2):379-83 (1998) Abstract.	
✓	36.	Guo, Y., et al., "The Pathogenic Role of Macrophage Migration Inhibitory Factor in Acute Respiratory Distress Syndrome," <i>Zhinhua Jie He He Hu Xi Za Zhi</i> - 25(6):337-40 (2002) Abstract.	

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LS	37.	Habu, Y., et al., "Restored Expression and Activity of Organic Ion Transporters rOAT1, rOAT3 and rOCT2 after Hyperuricemia in the Rat Kidney," <i>Biochem Pharmacol</i> - 69(6):993-9 (2005) Abstract.	
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	40.	Hamilton, L.M., et al., "The role of the Epidermal Growth Factor Receptor in Sustaining Neutrophil Inflammation in Severe Asthma," <i>Clin Exp Allergy</i> - 33(2):233-40 (2003) Abstract.	
	41.	Hassett, C., et al., "Human Hepatic Microsomal Epoxide Hydrolase: Comparative Analysis of Polymorphic Expression," <i>Arch Biochem Biophys</i> - 337(2):275-83 (1997) Abstract.	
	42.	Holten-Andersen, M.N., et al., "Localization of Tissue Inhibitor of Metalloproteinases 1 (TIMP-1) in Human Colorectal Adenoma and Adenocarcinoma," <i>Int J Cancer</i> - 113(2):198-206 (2005) Abstract.	
	43.	Huang, Y.H., et al., "Tissue Plasminogen Activator Induced by Dengue Virus Infection of Human Endothelial Cells," <i>J Med Virol</i> - 70(4):610-6 (2003) Abstract.	
	44.	Huettnner, P.C., et al., "Neu Oncogene Expression in Ovarian Tumors: A Quantitative Study," <i>Mod Pathol</i> - 5(3):250-6 (1992) Abstract.	
	45.	Hui, P., et al., "Real-time Quantitative RT-PCR of Cyclin D1 mRNA in Mantle Cell Lymphoma: Comparison with FISH and Immunohistochemistry," <i>Leuk Lymphoma</i> - 44(8):1385-94 (2003) Abstract.	
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	47.	Ihmann, T., et al., "High-level mRNA Quantification of Proliferation Marker pKi-67 is Correlated with Favorable Prognosis in Colorectal Carcinoma," <i>J Cancer Res Clin Oncol</i> - 130(12):749-56 (2004) Abstract.	
	48.	Ikegami, T., et al., "Modulation of Glucagon Receptor Expression and Response in Transfected Human Embryonic Kidney Cells," <i>Am J Physiol Cell Physiol</i> - 281(4):C1396-402 (2001) Abstract.	
	49.	Jacquemin, E., et al., "Developmental Regulation of Acidic Fibroblast Growth Factor (aFGF) Expression in Bovine Retina," <i>Int J Biol</i> - 37(3):417-23 (1993) Abstract.	
	50.	Jaime, M., et al., "The p21 (Cip1) Protein, A Cyclin Inhibitor, Regulates the Levels and the Intracellular Localization of CDC25A in Mice Regenerating Livers," <i>Hepatology</i> - 35(5):1063-71 (2002) Abstract.	
	51.	Janssens, N., et al., "Alteration of Frizzled Expression in renal Cell Carcinoma," <i>Tumour Biol</i> - 25(4):161-71 (2004) Abstract.	
	52.	Jungbluth, A.A., et al., "Immunohistochemical Analysis of NY-ESO-1 Antigen Expression in Normal and Malignant Human Tissues," <i>Int J Cancer</i> - 92(6):856-60 (2001) Abstract.	
	53.	Kalabis, G.M., et al., "Multidrug Resistance Phosphoglycoprotein (ABCB1) in the Mouse Placenta: Fetal Protection," <i>Biol Reprod</i> - 73(4):591-7 (2005) Abstract.	
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	55.	Khal, J., et al., "Expression of the Ubiquitin-Proteasome Pathway and Muscle Loss in Experimental Cancer Cachexia," <i>Br J Cancer</i> - 93(7):774-80 (2005) Abstract.	
↓	56.	Khal, J., et al., "Increased Expression of Proteasome Subunits in Skeletal Muscle of Cancer Patients with Weight Loss," <i>Int J Biochem Cell Biol</i> - 37(10):2196-206 (2005) Abstract.	

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LS	57.	Kogo, H., et al., "Cell Type-Specific Occurrence of Caveolin-1alpha and -1beta in the Lung caused by Expression of Distinct mRNAs," <i>J Biol Chem.</i> - 279(24):25574-81 (2004) Abstract.	
	58.	Kommoss, F., et al., "Oncogene and Growth Factor Expression in Ovarian Cancer," <i>Acta Obstet Gynecol Scand Suppl.</i> - 155:19-24 (1992) Abstract.	
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	60.	Kuo, C.C., et al., "A Transcriptomic and Proteomic Analysis of the Effect of CpG-ODN on Human THP-1 Monocytic Leukemia Cells," <i>Proteomics</i> - 5(4):894-906 (2005) Abstract.	
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	62.	Lassmann, S., et al., "Quantification of CK20 Gene and Protein Expression in Colorectal Cancer by RT-PCR and Immunohistochemistry Reveals Inter- and Intratumour Heterogeneity," <i>J Pathol.</i> - 198(2):198-206 (2002) Abstract.	
	63.	Legrand, O., et al., "Expression of the Multidrug Resistance-Associated Protein (MRP) mRNA and Protein in Normal Peripheral Blood and Bone Marrow Haemopoietic Cells," <i>Br J, Haematol.</i> - 94(1):23-33 (1996) Abstract.	
	64.	Lemstrom, K.B., et al., "Vascular Endothelial Growth Factor Enhances Cardiac Allograft Arteriosclerosis," <i>Circulation</i> - 105(21):2524-30 (2002) Abstract.	
	65.	Li, Z.B., et al., "Enhanced Expressions of Arachidonic Acid-Sensitive Tandem-Pore Domain Potassium Channels in Rat Experimental Acute Cerebral Ischemia," <i>Biochem Biophys Res Commun.</i> - 327(4):1163-9 (2005) Abstract.	
	66.	Li, Y., et al., "Retinal Preconditioning and the Induction of Heat-Shock Protein 27," <i>Invest Ophthalmol Vis Sci.</i> - 44(3):1299-304 (2003) Abstract.	
	67.	Lindberg, P., et al., "Increasing Expression of Tissue Plasminogen Activator and Plasminogen Activator Inhibitor Type 2 in Dog Gingival Tissues with Progressive Inflammation," <i>Arch Oral Biol.</i> - 46(1):23-31 (2001) Abstract.	
	68.	Macabeo-Ong, M., et al., "Effect of Duration of Fixation on Quantitative Reverse Transcription Polymerase Chain Reaction Analyses," <i>15(9):979-87 (2002) Abstract.</i>	
	69.	Maruyama, H., et al., "Id-1 and Id-2 are Overexpressed in Pancreatic Cancer and in Dysplastic Lesions in Chronic Pancreatitis," <i>Am J Pathol.</i> - 155(3):815-22 (1999) Abstract.	
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	72.	Meoni, P., et al., "[3H]MK-801 Binding and the mRNA for the NMDAR1 Subunit of the NMDA Receptor are Differentially Distributed in Human and Rat Forebrain," <i>Brain Res Mol Res.</i> - 54(1):13-23 (1998) Abstract.	
	73.	Mezzano, S.A., et al., "Overexpression of Chemokines, Fibrogenic Cytokines, and Myofibroblasts in Human Membranous Nephropathy," <i>Kidney Int.</i> - 57(1):147-58 (2000) Abstract.	
	74.	Mingrone, G., et al., "Decreased Uncoupling Protein Expression and Intramyocytic Triglyceride Depletion in Formerly Obese Subjects," <i>Obes Res.</i> - 11(5):632-40 (2003) Abstract.	
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	76.	Mizrachi, D., et al., "Follicle-stimulating Hormone Receptor and Its Messenger Ribonucleic Acid are Present in the Bovine Cervix and Can Regulate Cervical Prostanoid Synthesis," <i>Biol Reprod.</i> - 61(3):776-84 (1999) Abstract.	
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	82.	Oberringer, M., et al., "Differential Expression of Heat Shock Protein 70 in Well Healing and Chronic Human Wound Tissue," <i>Biochem Biophys Res Commun.</i> - 214(3):1009-14 (1995) Abstract.	
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	85.	Pachmann, K., et al., "Expression of bcr-abl mRNA in Individual Chronic Myelogenous Leukaemia Cells as determined by in Situ Amplification," <i>Br J. Haematol</i> - 112(3):749-59 (2001) Abstract.	
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	89.	Paredes, J., et al., "P-Cadherin Overexpression is an Indicator of Clinical Outcome in Invasive Breast Carcinomas and is Associated with CDH3 Promoter Hypomethylation," <i>Clin Cancer Res.</i> - 11(16):5869-77 (2005) Abstract.	
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	91.	Preeman, A.H., et al., "T-Cell Receptor V Beta-family Usage in Primary Cutaneous and Primary Nodal T-cell non-Hodgkin's Lymphomas," <i>J Invest Dermatol.</i> - 99(5):587-93 (1992) Abstract.	
	92.	Pullig, O., et al., "Matrilin-3 in Human Articular Cartilage: Increased Expression in Osteoarthritis," <i>Osteoarthritis Cartilage</i> - 10(4):253-63 (2002) Abstract.	
	93.	Rey, C., et al., "Up-regulation of Mitochondrial Peripheral Benzodiazepine Receptor Expression by Tumor Necrosis Factor Alpha in Testicular Leydig Cells. Possible Involvement in Cell Survival," <i>Biochem Pharmacol.</i> - 60(11):1636-46 (2000) Abstract.	
	94.	Rudlowski, C., et al., "GLUT1 Messenger RNA and Protein Induction Relates to the Malignant Transformation of Cervical Cancer," <i>Am J. Clin Pathol.</i> - 120(5):691-8 (2003) Abstract.	
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Form PTO-1449		Attorney's Docket No. 39780-2730P1C15	Application Serial No. 09/991,073
INFORMATION DISCLOSURE STATEMENT		Applicant(s) BOTSTEIN, et al.	
(use several sheets if necessary)		Filing Date: November 14, 2001	Group Art Unit: 1647
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